



Attorney Docket No.: P-2448-US1

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): AVNI, Dror et al.

Examiner:

Ho, H.

Serial No.: 09/730,586

Group Art Unit:

2818

Filed: December 7, 2000

Title: PROGRAMMING AND ERASING METHODS FOR AN NROM ARRAY

#17B And  
JA. Brunson  
6/24/03

**AMENDMENT**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

This Amendment is filed in response to the Office Action dated February 20, 2003 issued by the United States Patent and Trademark Office in connection with the above-identified Application. A response to the February 20, 2003 Office Action was due May 20, 2003. Applicants are concurrently filing a petition for a One-Month Extension of Time, with the associated fees. Accordingly, a response to the Office Action is due by June 20, 2003, and thus this Amendment is being timely filed.

Kindly amend the above-identified application as follows:

**In the Claims:**

Please cancel claims 15 to 22.

Please amend the following claims to read as follows:

1. A method for programming a memory array, the method using programming pulses applied to either the drain or gate of one or more memory cells within said memory array, the method comprising:

adapting the duration or the amplitude of said programming pulses as a function of the difference between a present state of the one or more memory cells and a target state of the one or more memory cells, wherein the amplitude or duration of the

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